

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5342320".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/05 07:50
L2	1070	shield cartridge stop spring trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/05 08:38
L3	485	automatic shield cartridge stop spring trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/05 08:40
L4	247	("2701566" "2876770" "20020120235" "20020156426" "20020161337" "20020177819" "20020193746" "20030050606" "20030093036" "20030105430" "20030229314" "20040019326" "20050027255" "2398544" "2752918" "3066670" "3182660" "3702609" "3742948" "3880163" "3542023" "3811441" "3867938" "3889673" "3895633" "4316463" "4723937" "4968299" "4031890" "4031893" "4254768" "4328802" "4378015" "4427039" "4445510" "4468220" "4553962" "4624393" "4645073" "4689042" "4713061" "4738660" "4747839" "4755169" "4838857" "4861335" "4886495" "4900307" "4904242" "4923447" "4927414" "4929241" "4938742" "4941880"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/05 08:41

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L5	1	13 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 08:42
L6	684	automatic shield cartridge spring trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/05 08:43
L7	3	16 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 08:43
L8	14	("4188949" "4678461" "5092843" "5102393" "5300030" "5330430" "5354286" "5665071" "5695472" "5957897" "6149626" "6159181" "6171276" "6387078").PN. OR ("7097634").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/05 08:48

L9	16	syringe automatic injector shield with (slide or retract)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 09:28
L10	22769	604/19-90.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/05 09:52
L11	1927	604/110.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/05 09:53
L12	1243	604/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/05 09:53
L13	1135	604/192.ccls. @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 09:53
L14	127	604/193.ccls. @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 09:54
L15	65	604/194.ccls. @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 09:58
L16	922	604/198.ccls. @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 09:59
L17	397	604/198.ccls. @py<"2003" (shield or protector) with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 10:01

L18	123	604/198.ccls. @py<"2003" (move or retract or slide) with (shield or protector) with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 10:01
L19	2	"US 20070112310"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/12/05 12:07
L20	0	604/245.ccls. @py<"2003" (move or retract or slide) with (shield or protector) with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 12:08
L21	0	604/245.ccls. @py<"2003" (move or retract or slide) (shield or protector) with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 12:08
L22	178	604/245.ccls. @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 12:09
L23	239	604/135.ccls. @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 12:11
L24	4	604/135.ccls. @py<"2003" (move or retract or slide) (shield or protector) with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 12:11
L25	4	604/134.ccls. @py<"2003" (move or retract or slide) (shield or protector) with needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 12:15
L26	116	604/134.ccls. @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 12:36

L27	684	6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 12:36
L28	108	604/136.ccls. @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 12:36
L29	39	604/137.ccls. @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 12:36
L30	55	604/137.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 13:06
L31	16	604/137.ccls. not l29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 13:07
L32	0	604/167.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 13:27
L33	182	604/136.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 13:27
L34	2	"20060264830".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 13:59
L35	1	"20060264830".pn. guard with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/12/05 13:59

L36	50	(US-20050027255-\$ or US-20030105430-\$ or US-20040220524-\$ or US-20070049864-\$ or US-20060100588-\$ or US-20050101919-\$ or US-20050171477-\$ or US-20020045866-\$ or US-20050080377-\$ or US-20060283983-\$ or US-20030078546-\$).did. or (US-4440134-\$ or US-4352314-\$ or US-5913001-\$ or US-5637830-\$ or US-5954533-\$ or US-5608198-\$ or US-5501674-\$ or US-6979316-\$ or US-5415648-\$ or US-4955347-\$ or US-4580565-\$ or US-4598863-\$ or US-5425478-\$ or US-4300318-\$ or US-6039713-\$ or US-5411212-\$ or US-6244250-\$ or US-4585292-\$ or US-5199799-\$ or US-5206469-\$ or US-6746429-\$ or US-5634906-\$ or US-6796967-\$ or US-6350063-\$ or US-6024302-\$ or US-5823993-\$).did. or (US-5478323-\$ or US-5187875-\$ or US-4898590-\$ or US-5597121-\$ or US-4503856-\$ or US-6031732-\$ or US-5641126-\$ or US-6260524-\$ or US-4583572-\$ or US-5609577-\$ or US-5386725-\$ or US-5266053-\$ or US-5372520-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/12/05 14:43
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S3	0	S2 shield cartridge stop spring trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/02 14:11
S4	1	S2 slide cartridge stop spring trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/02 13:50
S5	2	"6228067".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/02 14:11
S6	0	S5 shield cartridge stop spring trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/02 14:11

S7	0	S5 slide cartridge stop spring trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/02 14:11
S8	0	S5 cartridge stop spring trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/02 14:11
S9	0	gabriel.in. shield cartridge stop spring trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/02 14:12
S10	8	gabriel.in. shield container stop spring trigger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/02 14:13
S11	3	gabriel.in. shield container stop spring actuating member injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/02 14:15
S12	103	("0159192" "2565081" "2605766" "3066670" "3101711" "3330279" "3334788" "3729003" "3880163" "4031893" "4194505" "4231368" "4592745" "4973318").PN. OR ("5114406").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 10:19
S13	123	("2398544" "2752918" "3542023" "3811441" "3867938" "3889673" "3895633" "4031890" "4031893" "4254768" "4328802" "4378015" "4427039" "4445510" "4468220" "4553962" "4624393" "4645073" "4689042" "4713061" "4738660" "4747839" "4755169" "4838857" "4861335" "4886495" "4900307" "4904242" "4923447" "4927414" "4929241" "4938742" "4941880" "4969874" "5013303" "5024656" "5092842" "5106374"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 10:41

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S15	2	"6159181".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 10:42
S16	2	"20030093036".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 10:46
S17	1	"10319472".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 10:47
S18	6	"319472".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 10:54
S19	2	"6743203".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 10:54
S20	283	604/ 135.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 12:24
S21	14	("4188949" "4678461" "5092843" "5102393" "5300030" "5330430" "5354286" "5665071" "5695472" "5957897" "6149626" "6159181" "6171276" "6387078").PN. OR ("7097634").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 12:25

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S24	32	S23 automatic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/03 14:27
S25	0	S23 automatic near inject	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/03 14:19
S26	0	S23 automatic near5 inject	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/03 14:19
S27	123	syringe automatic injector shield	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/03 14:30
S28	43	syringe automatic injector shield @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/03 14:30

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S30	3	("5658259" "5695472" "5709668").PN. OR ("6743203").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 14:37
S31	103	("0159192" "2565081" "2605766" "3066670" "3101711" "3330279" "3334788" "3729003" "3880163" "4031893" "4194505" "4231368" "4592745" "4973318").PN. OR ("5114406").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 16:09
S32	0	"604".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 16:09
S33	19366	604/ 19-90.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/07 18:04

S34	1650	604/110.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/07 18:48
S52	1014	604/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 07:12
S53	3014510	604/131.ccls. @py>"2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 07:12
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S55	1389	604/192.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 07:58
S56	1134	604/192.ccls. @py<"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 07:58
S57	16	604/192.ccls. @py<"2003" shield trigger spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 08:03
S58	0	604/193.ccls. @py<"2003" shield trigger spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 08:04
S59	2	604/193.ccls. @py<"2003" shield spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 08:04

S60	2	604/194.ccls. @py<"2003" shield spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 08:06
S61	6	604/196.ccls. @py<"2003" shield spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 08:09
S62	20	604/197.ccls. @py<"2003" shield spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 08:09
S63	284	lavi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 09:05
S64	32	lavi.in. injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:05
S65	14	lavi.in. injector @py>"2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:11
S66	29	lavi.in. injector @py>"2000"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:11
S67	4	"2003050606".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 09:23
S68	0	"2003050606A1".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 09:23

S69	0	"brand.in" injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:24
S70	0	"brand.in." injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:24
S71	0	"brand.in." syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:24
S72	0	"brands.in." syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:25
S73	0	"brand.in."	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:25
S74	3936	brand.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:25
S75	31	brand.in. syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:27
S76	0	brand.in. syringe injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:25
S77	5	brand.in. syringe safety	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:25

S78	2	"5681291".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:28
S79	2	"5295965".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/08 09:28
S80	2	"20070112310".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 16:09
S81	53	(US-20020161337-\$ or US-20020193746-\$ or US-20020156426-\$ or US-20050027255-\$ or US-20030105430-\$ or US-20030050606-\$ or US-20030093036-\$ or US-20040019326-\$ or US-20020120235-\$ or US-20020177819-\$).did. or (US-5910130-\$ or US-5156599-\$ or US-5709668-\$ or US-5681291-\$ or US-5300030-\$ or US-5295965-\$ or US-5114406-\$ or US-5092842-\$ or US-6228067-\$ or US-6544234-\$ or US-5695472-\$ or US-5658259-\$ or US-5643214-\$ or US-5545147-\$ or US-5514097-\$ or US-5480387-\$ or US-5591136-\$ or US-5320609-\$ or US-3880163-\$ or US-3066670-\$ or US-5599309-\$ or US-6743203-\$ or US-6159181-\$ or US-7066907-\$ or US-6805686-\$ or US-7097634-\$).did. or (US-5478316-\$ or US-4316463-\$ or US-6419658-\$ or US-6319234-\$ or US-5318538-\$ or US-6319233-\$ or US-5279581-\$ or US-5688251-\$ or US-6146361-\$ or US-4968299-\$ or US-4723937-\$ or US-6200296-\$ or US-3702609-\$ or US-3182660-\$ or US-2876770-\$ or US-2701566-\$ or US-3742948-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/10/28 19:38

S82	0	S81 driver near barrel supports	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/10/28 19:39
S83	1	S81 driver near barrel support	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/10/28 19:40
S84	6	S81 driver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/10/28 19:41
S85	126	("2398544" "2752918" "3542023" "3811441" "3867938" "3889673" "3895633" "4031890" "4031893" "4254768" "4328802" "4378015" "4427039" "4445510" "4468220" "4553962" "4624393" "4645073" "4689042" "4713061" "4738660" "4747839" "4755169" "4838857" "4861335" "4886495" "4900307" "4904242" "4923447" "4927414" "4929241" "4938742" "4941880" "4969874" "5013303" "5024656" "5092842" "5106374" "5114406" "5137511" "5163909" "5169388" "5180370" "5188599" "5201708" "5244465" "5267963" "5281198" "5295965" "5300030").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/04 22:00
S86	126	("2398544" "2752918" "3542023" "3811441" "3867938" "3889673" "3895633" "4031890" "4031893" "4254768" "4328802" "4378015" "4427039" "4445510" "4468220" "4553962" "4624393" "4645073" "4689042" "4713061" "4738660" "4747839" "4755169" "4838857" "4861335" "4886495" "4900307" "4904242" "4923447" "4927414"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/04 22:00

		"4929241" "4938742" "4941880" "4969874" "5013303" "5024656" "5092842" "5106374" "5114406" "5137511" "5163909" "5169388" "5180370" "5188599" "5201708" "5244465" "5267963" "5281198" "5295965" "5300030").PN.				
S87	126	("2398544" "2752918" "3542023" "3811441" "3867938" "3889673" "3895633" "4031890" "4031893" "4254768" "4328802" "4378015" "4427039" "4445510" "4468220" "4553962" "4624393" "4645073" "4689042" "4713061" "4738660" "4747839" "4755169" "4838857" "4861335" "4886495" "4900307" "4904242" "4923447" "4927414" "4929241" "4938742" "4941880" "4969874" "5013303" "5024656" "5092842" "5106374" "5114406" "5137511" "5163909" "5169388" "5180370" "5188599" "5201708" "5244465" "5267963" "5281198" "5295965" "5300030").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/04 22:00
S88	21418	604/ 19-90.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/04 22:00
S89	1832	604/ 110.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/04 22:00
S90	242	604/ 131.ccls. @py> "2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/04 22:00

S91	1491	604/192.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/04 22:00
S92	53	(US-20020161337-\$ or US-20020193746-\$ or US-20020156426-\$ or US-20050027255-\$ or US-20030105430-\$ or US-20030050606-\$ or US-20030093036-\$ or US-20040019326-\$ or US-20020120235-\$ or US-20020177819-\$).did. or (US-5910130-\$ or US-5156599-\$ or US-5709668-\$ or US-5681291-\$ or US-5300030-\$ or US-5295965-\$ or US-5114406-\$ or US-5092842-\$ or US-6228067-\$ or US-6544234-\$ or US-5695472-\$ or US-5658259-\$ or US-5643214-\$ or US-5545147-\$ or US-5514097-\$ or US-5480387-\$ or US-5591136-\$ or US-5320609-\$ or US-3880163-\$ or US-3066670-\$ or US-5599309-\$ or US-6743203-\$ or US-6159181-\$ or US-7066907-\$ or US-6805686-\$ or US-7097634-\$).did. or (US-5478316-\$ or US-4316463-\$ or US-6419658-\$ or US-6319234-\$ or US-5318538-\$ or US-6319233-\$ or US-5279581-\$ or US-5688251-\$ or US-6146361-\$ or US-4968299-\$ or US-4723937-\$ or US-6200296-\$ or US-3702609-\$ or US-3182660-\$ or US-2876770-\$ or US-2701566-\$ or US-3742948-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/01/04 22:00
S93	24671	S85 S86 S87 S88 S89 S90 S91 S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/04 22:00
S94	17514	S93 @ay<"2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/04 22:02

S95	1856892	S94 automatic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/04 22:03
S96	2296	S94 automatic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/04 22:03
S97	303	S94 automatic shield	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/04 22:03
S98	133	("20030229314" "2398544" "2752918" "3542023" "3811441" "3867938" "3889673" "3895633" "4031890" "4031893" "4254768" "4328802" "4378015" "4427039" "4445510" "4468220" "4553962" "4624393" "4645073" "4689042" "4713061" "4738660" "4747839" "4755169" "4838857" "4861335" "4886495" "4900307" "4904242" "4923447" "4927414" "4929241" "4938742" "4941880" "4969874" "5013303" "5024656" "5092842" "5106374" "5114406" "5137511" "5163909" "5169388" "5180370" "5188599" "5201708" "5244465" "5267963" "5281198" "5295965" "5300030" "6319233" "6569123").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/18 20:09

S99	48	("20030060774" "20030093036" "20030105430" "20040039336" "3941130" "4664654" "4795432" "4900311" "5114406" "5137516" "5201720" "5425715" "5451210" "5599309" "5637094" "5681291" "0615911" "6203530" "6280421" "6517517" "6544234" "7011649").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/18 20:12
S100	2	"US 20070112310"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/06/18 20:20
S101	53	(US-20020161337-\$ or US- 20020193746-\$ or US- 20020156426-\$ or US- 20050027255-\$ or US- 20030105430-\$ or US- 20030050606-\$ or US- 20030093036-\$ or US- 20040019326-\$ or US- 20020120235-\$ or US- 20020177819-\$).did. or (US- 5910130-\$ or US-5156599-\$ or US-5709668-\$ or US- 5681291-\$ or US-5300030-\$ or US-5295965-\$ or US- 5114406-\$ or US-5092842-\$ or US-6228067-\$ or US- 6544234-\$ or US-5695472-\$ or US-5658259-\$ or US- 5643214-\$ or US-5545147-\$ or US-5514097-\$ or US- 5480387-\$ or US-5591136-\$ or US-5320609-\$ or US- 3880163-\$ or US-3066670-\$ or US-5599309-\$ or US- 6743203-\$ or US-6159181-\$ or US-7066907-\$ or US- 6805686-\$ or US-7097634-\$). did. or (US-5478316-\$ or US- 4316463-\$ or US-6419658-\$ or US-6319234-\$ or US- 5318538-\$ or US-6319233-\$ or US-5279581-\$ or US- 5688251-\$ or US-6146361-\$ or US-4968299-\$ or US- 4723937-\$ or US-6200296-\$ or US-3702609-\$ or US- 3182660-\$ or US-2876770-\$ or US-2701566-\$ or US- 3742948-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/06/19 04:13

S102	6	(US-20030229314-\$ or US-20030093036-\$).did. or (US-5637094-\$ or US-6280421-\$ or US-5114406-\$).did. or (US-4900311-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/06/19 04:13
S103	2	S101 S102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/06/19 04:13
S104	53	(US-20020161337-\$ or US-20020193746-\$ or US-20020156426-\$ or US-20050027255-\$ or US-20030105430-\$ or US-20030050606-\$ or US-20030093036-\$ or US-20040019326-\$ or US-20020120235-\$ or US-20020177819-\$).did. or (US-5910130-\$ or US-5156599-\$ or US-5709668-\$ or US-5681291-\$ or US-5300030-\$ or US-5295965-\$ or US-5114406-\$ or US-5092842-\$ or US-6228067-\$ or US-6544234-\$ or US-5695472-\$ or US-5658259-\$ or US-5643214-\$ or US-5545147-\$ or US-5514097-\$ or US-5480387-\$ or US-5591136-\$ or US-5320609-\$ or US-3880163-\$ or US-3066670-\$ or US-5599309-\$ or US-6743203-\$ or US-6159181-\$ or US-7066907-\$ or US-6805686-\$ or US-7097634-\$).did. or (US-5478316-\$ or US-4316463-\$ or US-6419658-\$ or US-6319234-\$ or US-5318538-\$ or US-6319233-\$ or US-5279581-\$ or US-5688251-\$ or US-6146361-\$ or US-4968299-\$ or US-4723937-\$ or US-6200296-\$ or US-3702609-\$ or US-3182660-\$ or US-2876770-\$ or US-2701566-\$ or US-3742948-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/06/19 06:34
S105	3	view same window S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/06/19 06:35

S106	127	("2398544" "2752918" "3542023" "3811441" "3867938" "3889673" "3895633" "4031890" "4031893" "4254768" "4328802" "4378015" "4427039" "4445510" "4468220" "4553962" "4624393" "4645073" "4689042" "4713061" "4738660" "4747839" "4755169" "4838857" "4861335" "4886495" "4900307" "4904242" "4923447" "4927414" "4929241" "4938742" "4941880" "4969874" "5013303" "5024656" "5092842" "5106374" "5114406" "5137511" "5163909" "5169388" "5180370" "5188599" "5201708" "5244465" "5267963" "5281198" "5295965" "5300030").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 06:35
S107	1	view same window S106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/06/19 06:35
S108	14	window S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/06/19 06:36
S109	50	(US-20050027255-\$ or US- 20030105430-\$ or US- 20040220524-\$ or US- 20070049864-\$ or US- 20060100588-\$ or US- 20050101919-\$ or US- 20050171477-\$ or US- 20020045866-\$ or US- 20050080377-\$ or US- 20060283983-\$ or US- 20030078546-\$).did. or (US- 4440134-\$ or US-4352314-\$ or US-5913001-\$ or US- 5637830-\$ or US-5954533-\$ or US-5608198-\$ or US- 5501674-\$ or US-6979316-\$ or US-5415648-\$ or US- 4955347-\$ or US-4580565-\$ or US-4598863-\$ or US- 5425478-\$ or US-4300318-\$ or US-6039713-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/06/19 06:41

		5411212-\$ or US-6244250-\$ or US-4585292-\$ or US- 5199799-\$ or US-5206469-\$ or US-6746429-\$ or US- 5634906-\$ or US-6796967-\$ or US-6350063-\$ or US- 6024302-\$ or US-5823993-\$). did. or (US-5478323-\$ or US- 5187875-\$ or US-4898590-\$ or US-5597121-\$ or US- 4503856-\$ or US-6031732-\$ or US-5641126-\$ or US- 6260524-\$ or US-4583572-\$ or US-5609577-\$ or US- 5386725-\$ or US-5266053-\$ or US-5372520-\$).did.				
S110	9	window S109	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/06/19 06:41
S111	243	("2701566" "2876770" "20020120235" "20020156426" "20020161337" "20020177819" "20020193746" "20030050606" "20030093036" "20030105430" "20030229314" "20040019326" "20050027255" "2398544" "2752918" "3066670" "3182660" "3702609" "3742948" "3880163" "3542023" "3811441" "3867938" "3889673" "3895633" "4316463" "4723937" "4968299" "4031890" "4031893" "4254768" "4328802" "4378015" "4427039" "4445510" "4468220" "4553962" "4624393" "4645073" "4689042" "4713061" "4738660" "4747839" "4755169" "4838857" "4861335" "4886495" "4900307" "4904242" "4923447" "4927414" "4929241" "4938742" "4941880" "4969874" "5092842" "5114406" "5156599" "5279581" "5295965" "5300030" "5318538" "5320609" "5478316"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 06:44

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S112	23	window S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/06/19 06:44

12/ 5/ 2009 2:49:13 PM

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